

REMINDED

9/5/02, 437

Form PTO 948 (Rev. 03/01)	U.S. DEPARTMENT OF COMMERCE - Patent and Trademark Office	Application No. <u>9/5/02, 437</u>
REMARKS OF DRAFTSPERSONS IN DRAWING REVIEW OF DRAWINGS BY THE DRAWING REVIEW SECTION OF THE UNITED STATES PATENT AND TRADEMARK OFFICE		

Drawings which differ from the specification or claims in any respect, or which are not in accordance with the drawings, may be rejected. Please submit new, corrected drawings when necessary. Corrected drawing must be submitted according to the instructions on the back of this notice.

BEST AVAILABLE COPY

The drawing(s) filed (insert date) 3-15-02 are:

A. approved by the Draftsperson under 37 CFR 1.84 or 1.152.
 B. objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. The Examiner will require submission of new, corrected drawings when necessary. Corrected drawing must be submitted according to the instructions on the back of this notice.

1. DRAWINGS. 37 CFR 1.84(a): Acceptable categories of drawings:
 Black ink. Color.
 Color drawings are not acceptable until petition is granted.
 Fig(s) _____

Pencil and non black ink not permitted. Fig(s) _____

2. PHOTOGRAPHS. 37 CFR 1.84(b):
 All drawings should be submitted in the form of glossy prints.
 Photographs may not be mounted. 37 CFR 1.84(e).
 Poor quality (half-tone). Fig(s) _____

3. TYPE OF PAPER. 37 CFR 1.84(c):
 Paper not flexible, strong, white, and durable.
 Fig(s) _____

Erasures, alterations, overwritings, interlineations, folds, copy machine marks not accepted. Fig(s) 13

Mylar, velum paper is not acceptable (too thin).
 Fig(s) _____

4. SIZE OF DRAWINGS. 37 CFR 1.84(d):
 21.0 cm by 29.7 cm (DIN size A4)
 21.6 cm by 27.9 cm (8 1/2 x 11 inches)
 All drawing sheets not the same size.
 Sheet(s) _____
 Drawings sheets not an acceptable size. Fig(s) _____

5. MARGINS. 37 CFR 1.84(g): Acceptable margins:
 Top 2.5 cm Left 2.5cm Right 1.5 cm Bottom 1.0 cm
 SIZE: A4 Size
 Top 2.5 cm Left 2.5cm Right 1.5 cm Bottom 1.0 cm
 SIZE: 8 1/2 x 11 inches
 Margins not acceptable. Fig(s) 2

Top (T) _____ Left (L) _____ Bottom (B) _____
 Right (R) _____

6. VIEWS. 37 CFR 1.84(h):
 REMINDER: Specification may require revision to correspond to drawing changes.
 Partial views. 37 CFR 1.84(h)(2)
 Brackets needed to show figure as one entity.
 Fig(s) _____
 Views not labeled separately or properly.
 Fig(s) _____
 Enlarged view not labeled separately or properly.
 Fig(s) _____

7. SECTIONAL VIEWS. 37 CFR 1.84(h)(3)
 Hatching not indicated for sectional portions of an object.
 Fig(s) _____
 Sectional designation should be noted with Arabic or Roman numbers. Fig(s) _____

8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(i)
 Words do not appear on a horizontal left-to-right fashion when page is either upright or turned so that the top becomes the right side, except for graphs. Fig(s) _____

9. SCALE. 37 CFR 1.84(j):
 Scale not large enough to show mechanism without drawing which drawing is reduced in size to two-thirds in reproduction. 37 CFR 1.84(j).
 Drawing too large to fit on page. 37 CFR 1.84(j).
 Fig(s) _____

10. CHARACTER OF LINES, NUMBERS, & LETTERS.
 Lines, numbers & letters not uniformly thick and well defined, clean, durable, and black (poor line quality).
 Fig(s) 4-2

11. SHADING. 37 CFR 1.84(m):
 Solid black areas pale. Fig(s) _____

Abbreviations in shaded areas not clearly legible. Fig(s) _____

12. NUMBERS, LETTERS, & REFERENCE CHARACTERS.
 37 CFR 1.84(p):
 Numbers and reference characters not plain and legible. Fig(s) _____

Figure legends are poor. Fig(s) _____

13. LEAD LINES. 37 CFR 1.84(q):
 Lead lines cross each other. Fig(s) _____
 Lead lines missing. Fig(s) _____

14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(i):
 Sheets not numbered consecutively, and in Arabic numerals beginning with number 1. Sheet(s) _____

15. NUMBERING OF VIEWS. 37 CFR 1.84(u):
 Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s) _____

16. CORRECTIONS. 37 CFR 1.84(w):
 Corrections not made from prior PTO-948 dated _____

17. DESIGN DRAWINGS. 37 CFR 1.152:
 Surface shading shown not appropriate. Fig(s) _____
 Solid black shading not used for color contrast. Fig(s) _____

COMMENTS

REVIEWER J. Hause DATE 1-17-02 TELEPHONE NO. 703 305 8430

ATTACHMENT TO PAPER NO. 11